



PATIENT

Frankie Croteau

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

7 years

WEIGHT

16.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Lane/Dr. Sanders

INVOICE

32881

DATE

9/13/22

PRESENTING CLINICAL SIGNS

History: History of megacolon, urinary tract disease and allergic bronchitis. Currently hematuria and small cluster of stones/crystals in his bladder on X-rays. Gabapentin PO for sedation.

Abnormal PE/Chem/CBC/UA Results: PE: BCS 6/9 RADS: stone dense cluster in urinary bladder.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed small urethral calculi. Proximal urethral calculi measured up to 0.28 cm as well as calculi that measured up to 0.3 cm that were free in the bladder.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. Mildly increased cortical echogenicity was noted. The changes are largely expected for this age patient. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.27 cm. The right kidney measured 4.14 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.46 cm. The right adrenal gland measured 0.4 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



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Gastrointestinal

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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ULTRASONOGRAPHIC FINDINGS

Bladder sand and calculi, partially obstructive at the time of the sonogram.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cystotomy, normal and retrograde flush along with sand/stone analysis is all indicated.

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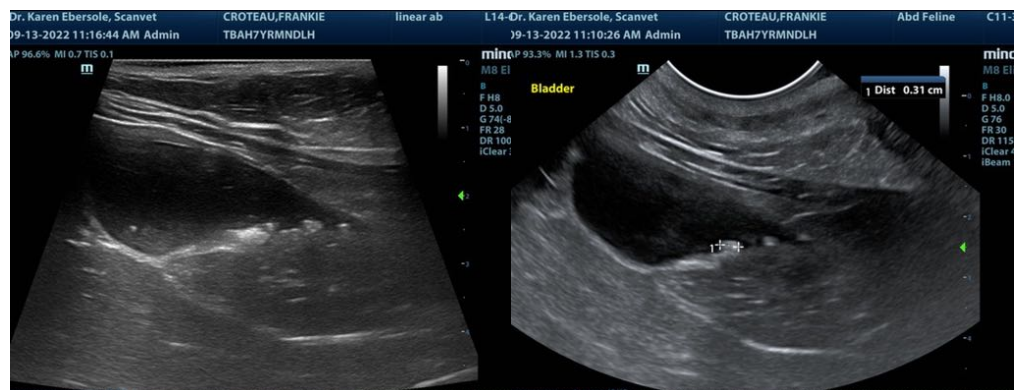
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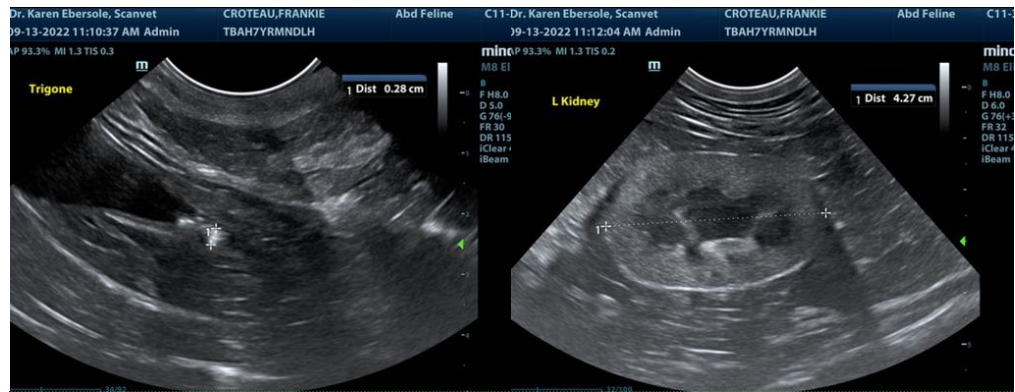
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com